

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of)
)
THOMAS J. REMANS, and)
INGRID M. VAN VEGCHEL)
)
This is a division of Serial No. 09/626,669)
filed July 27, 2000)
)
METHOD FOR IMPREGNATION OF MOLECULAR)
SIEVE - BINDER EXTRUDATES)
_____)

October 21, 2003

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:


INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Copies of the referenced documents are not provided since they were previously submitted to the Office in the parent application, Serial No. 09/626,669 filed July 27, 2000.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

THOMAS J. REMANS, and
INGRID M. VAN VEGCHEL

By 
Their Attorney, Charles W. Stewart
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P. O. Box 2463
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FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED
BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.
TS0872 02 (US)

APPLICATION NUMBER

APPLICANT
T. J. Remans et al.

FILING DATE

GROUP ART UNIT

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	3,832,449	8/27/74	Rosinski et al.	423	328	
	AB	4,076,842	2/28/78	Plank et al.	423	328	
	AC	4,619,820	10/28/86	Valyocsik	423	328	
	AD	5,397,454	3/14/95	Zones et al.	208	46	
	AE	5,336,478	8/9/94	Dwyer et al.	423	708	
	AF	4,568,656	2/4/86	Poeppelmeier et al.	502	74	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AJ	0,059,059 A1	2/16/82	Europe	C01B	33/28		
	AK	0,522,196 A1	7/12/91	Europe	C01B	33/34		
	AL	0,108,486 A1	9/26/83	Europe	C01B	33/28		
	AM	0,042,226 A1	5/27/81	Europe	C01B	33/28		
	AN	0,057,049 A1	1/6/82	Europe	C01B	33/28		
	AO	0,065,400 A2	5/10/82	Europe	C01B	33/28		
	AP	0,162,719 A2	5/23/85	Europe	C01B	33/28		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified) LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. TS0872 02 (US)		APPLICATION NUMBER	
				APPLICANT T. J. Remans et al.			
				FILING DATE		GROUP ART UNIT	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
		BA	5,053,374	10/1/91	Absil et al.	502	64
		BB	5,157,191	10/20/92	Bowes et al.	585	533
		BC	5,300,210	4/5/94	Zones et al.	208	46
		BD	5,641,393	6/24/97	Nakagawa	208	46
		BE	5,683,572	11/4/97	Nakagawa	208	46
		BF	5,358,628	10/25/94	Apelian et al.	208	60
		BG	5,986,156	11/16/99	Benazzi et al.	585	475
		BH	5,952,535	9/14/99	King et al.	585	475

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	<div style="text-align: center;">Translation</div> <div style="display: flex; justify-content: space-between;"> Yes No </div>
		BL	WO 96/01688	1/25/96	World	B01J	29/00
		BM	WO 94/22981	10/13/94	World	C10G	45/64
		BN	WO 96/41849	12/27/96	World	C10G	45/64
		BO	WO 91/10587	7/25/91	World	B63G	7/06
		BP	98/12159	3/26/98	World	C07C	6/12
		BQ	0681870	11/15/95	Europe	B01J	29/60
		BR	0519573	12/23/92	Europe	B01J	29/12

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
BS	International Search Report of November 14, 2000
BS	H. van Bekkum et al., Studies in Surface Science and Catalysis, Vol. 58, Intro. to Zeolite Science and Practice, Elsevier, 1991, pp. 499-504

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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	CA	5,506,182	4/9/96	Yamagishi et al.	502	66	
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	CL							
	CM							
	CN							
	CO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	CR	W. J. Reagan, A. W. Chester, G. T. Kerr, J. Catal., 69 (1981) pp. 89-100
	CS	A. Munoz-Paez, D. C. Koningsberger, J. Phys. Chem., 99 (1995) pp. 4193-4204
	CT	R. M. Dessau, J. Catal., 77 (1982) p. 304

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